

## National Functional Guidelines Report #03

Lab DATAC(ALS Environmental) SDG F2A00 Case 43795 Contract EPW11037 Region 6 DDTID 183271 SOW SOM01.2

## Data Review Reports

Blanks

Blanks	VOA_Low_Med
VLB11	The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated method blank common contaminant concentration is less than 2x the concentration criteria. Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.
	F2A00, F2A02, F2A04, F2A06, F2A08, F2A10, F2A12, F2B28, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B54, F2B56
	<b>Methylene chloride</b> F2A00, F2A02, F2A04, F2A06, F2A08, F2A10, F2A12, F2B28, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B54, F2B56
Blanks	VOA_Low_Med
VLB12	The following volatile samples have analyte concentrations reported less than the CRQL. The associated method blank concentration is less than the concentration criteria. Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.
	F2A00, F2A08, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B56
	<b>m,p-Xylene</b> F2A00, F2A08, F2B30, F2B34, F2B36, F2B38, F2B52, F2B56
	<b>Toluene</b> F2B34, F2B38, F2B52, F2B56
	<b>1,2,4-Trichlorobenzene</b> F2B32
Blanks	VOA_Low_Med
VLB46	The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated storage blank common contaminant concentration is less than 2x the concentration criteria. Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.
	F2A00, F2A02, F2A04, F2A06, F2A08, F2A10, F2A12, F2B28, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B54, F2B56
	<b>Acetone</b> F2B30, F2B32, F2B34, F2B56
	<b>Methylene chloride</b> F2A00, F2A02, F2A04, F2A06, F2A08, F2A10, F2A12, F2B28, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B54, F2B56
Blanks	VOA_Low_Med
VLB47	The following volatile samples have analyte concentrations reported less than the CRQL. The associated storage blank concentration is less than the concentration criteria. Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.
	F2A00, F2B34, F2B38, F2B52, F2B56
	<b>Toluene</b> F2A00, F2B34, F2B38, F2B52, F2B56

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### *Data Review Reports*

Continuing Calibration Verification

Continuing Calibration Verification	VOA_Low_Med
VC14	The following volatile samples are associated with a CCV with relative response factors (RRF50) outside criteria.   Detected compounds are qualified J.   Nondetected compounds are qualified R.
	F2A00, F2A02, F2A04, F2A06, F2A08, F2A10, F2A12, F2B28, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B54, F2B56, VBLKS1, VBLKS2, VHBLKS1
	<b>1,4-Dioxane</b> VSTD050S1, VSTD050S3, VSTD050SB
	F2A00, F2A02, F2A04, F2A06, F2A08, F2A10, F2A12, F2B28, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B54, F2B56, VBLKS1, VBLKS2, VHBLKS1

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### Data Review Reports

Detection Limit

Detection Limit	VOA_Low_Med
VDL1	The following volatile samples have analyte concentrations below the quantitation limit (CRQL).   Detected compounds are qualified J.   Nondetected compounds are not qualified.
	F2A00, F2A02, F2A04, F2A06, F2A08, F2A10, F2A12, F2B28, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B54, F2B56, VBLKS1, VBLKS2, VHBLKS1
	<b>Chloroform</b> F2A02, F2B54, F2B56
	<b>Tetrachloroethene</b> F2A00, F2A06, VBLKS2
	<b>m,p-Xylene</b> F2A00, F2A08, F2B30, F2B34, F2B36, F2B38, F2B52, F2B56, VBLKS1, VBLKS2
	<b>Trichlorofluoromethane</b> F2A00
	<b>Toluene</b> F2A00, F2B34, F2B38, F2B52, F2B56, VBLKS2, VHBLKS1
	<b>1,2,3-Trichlorobenzene</b> VBLKS1, VBLKS2
	<b>2-Butanone</b> F2B32, F2B34, F2B52, F2B54, F2B56
	<b>Ethylbenzene</b> F2A00, F2B34, F2B38, F2B52, F2B56
	<b>Acetone</b> F2B30, F2B32, F2B34, F2B56, VHBLKS1
	<b>1,2,4-Trichlorobenzene</b> F2B32, VBLKS1, VBLKS2
	<b>o-Xylene</b> F2A00, F2B34, F2B38, F2B52, F2B56
	<b>Methylene chloride</b> F2A00, F2A02, F2A04, F2A06, F2A08, F2A10, F2A12, F2B28, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B56, VBLKS1, VBLKS2, VHBLKS1

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## Data Review Reports

## Initial Calibration

Initial Calibration	VOA_Low_Med
VC15	The following volatile samples are associated with an initial calibration with relative response factors (RRFs) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.
	F2A00, F2A02, F2A04, F2A06, F2A08, F2A10, F2A12, F2B28, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B54, F2B56, VBLKS1, VBLKS2, VHBLKS1
	<b>1,4-Dioxane</b> VSTD005BS, VSTD010BS, VSTD050BS, VSTD100BS, VSTD200BS
	F2A00, F2A02, F2A04, F2A06, F2A08, F2A10, F2A12, F2B28, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B54, F2B56, VBLKS1, VBLKS2, VHBLKS1
Initial Calibration	VOA_Low_Med
VC20	The following volatile samples are associated with an initial calibration in which a DMC did not meet relative response factor (RRF) criteria. Detected and nondetected compounds are not qualified.
	F2A00, F2A02, F2A04, F2A06, F2A08, F2A10, F2A12, F2B28, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B54, F2B56, VBLKS1, VBLKS2, VHBLKS1
	<b>1,4-Dioxane-d8</b> VSTD005BS, VSTD010BS, VSTD050BS, VSTD100BS, VSTD200BS
	F2A00, F2A02, F2A04, F2A06, F2A08, F2A10, F2A12, F2B28, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B54, F2B56, VBLKS1, VBLKS2, VHBLKS1
Initial Calibration	VOA_Low_Med
VC6	The following volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. Use professional judgement to qualify non-detected compounds.
	F2A00, F2A02, F2A04, F2A06, F2A08, F2A10, F2A12, F2B28, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B54, F2B56, VBLKS1, VBLKS2, VHBLKS1
	<b>1,2,3-Trichlorobenzene</b> VSTD005BS
	F2A00, F2A02, F2A04, F2A06, F2A08, F2A10, F2A12, F2B28, F2B30, F2B32, F2B34, F2B36, F2B38, F2B52, F2B54, F2B56, VBLKS1, VBLKS2, VHBLKS1